



Can-Air Diffused Aeration Systems

Improve Water Quality & Pond Health, Reduce Unwanted Vegetation, Eliminate Fish Kills

Benefits

- Virtually eliminate fish kills
- Reduce unwanted algae & weed growth
- Improve water quality
- Reduce phosphates by 95%
- Restore oxygen to pond bottom
- Reduce muck accumulation
- Reduce internal nutrient cycling
- SAFE - no electricity in the water

How Does Aeration Work?

- Aeration lifts oxygen-depleted bottom water to the surface to maintain oxygen levels in the pond ensuring your fish will have oxygen needed to survive.
- Oxygen breaks down organics and binds up phosphates & other nutrients responsible for algae growth, sludge, muck, and odours
- Aeration provides aerobic aquatic environments to stimulate beneficial bacteria to reduce BOD & COD levels

Maintenance

- Can-Air Systems are VERY low-maintenance! Insulated line is not included but **HIGHLY RECOMMENDED** to eliminate chances of freezing in the winter and minimize maintenance. The majority of maintenance can be done on shore. The only maintenance typically required is:
- Compressor Air Filter Replacement: cleaned or replaced on a monthly basis
- Compressor rebuilds: 18-24 months
- Diffuser rebuilds: 8-10 years

Why Pond Pro Canada?

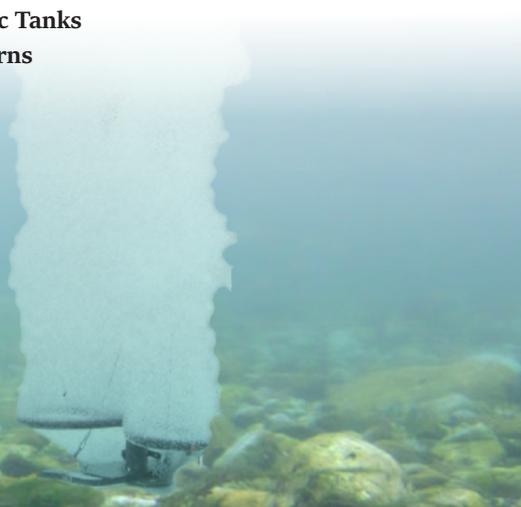
Pond Pro Canada has over 20 years experience designing and installing aeration systems. We've sold over 3500 aeration systems in Western Canada! Our systems can be customized for a personal fish pond, or a municipal drinking reservoir.

Product Features

- Made in Canada, designed for harsh climates
- More diffuser area than competitor's products
- Compressor cabinet with built-in cooling fan
- 120 V or 240 V
- Energy efficient Teich-Aire compressor
- Can-Air diffusers w/ weighted base
- All necessary fittings included
- Minimal assembly required
- Easy to install, stainless steel diffusers are self-righting!
- Warranty & service by Pond Pro Canada

Applications

- Ponds & Lakes
- Dugouts
- Drinking water reservoirs
- Aquaculture
- Irrigation Ponds
- Golf Courses & Residential Developments
- Fish Ponds
- Sewage Lagoons
- Sewage Tanks & Plants
- Residential Septic Tanks
- Residential Cisterns



Pond Pro Canada
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Can-Air Aeration Systems



Which Can-Air Aeration System is right for you?

Aeration needs are unique to every pond! In most situation, we recommend the Stainless Steel SS diffuser as it makes install and maintenance so simple! Refer to our sizing guide to determine which system is beneficial for your pond's needs.

For more specialized and custom projects, or if you are simply unsure which system to get, contact our team of aeration experts for more information.

Why Aeration is Needed in Fish Ponds

Fish kills occur when oxygen gets to deadly low levels due to seasonal temperature changes and resulting water movement. Aeration can prevent this by maintaining healthy levels of dissolved oxygen for your fish (4ppm in winter, 5ppm in summer). Without aeration, fish can not survive in your pond.



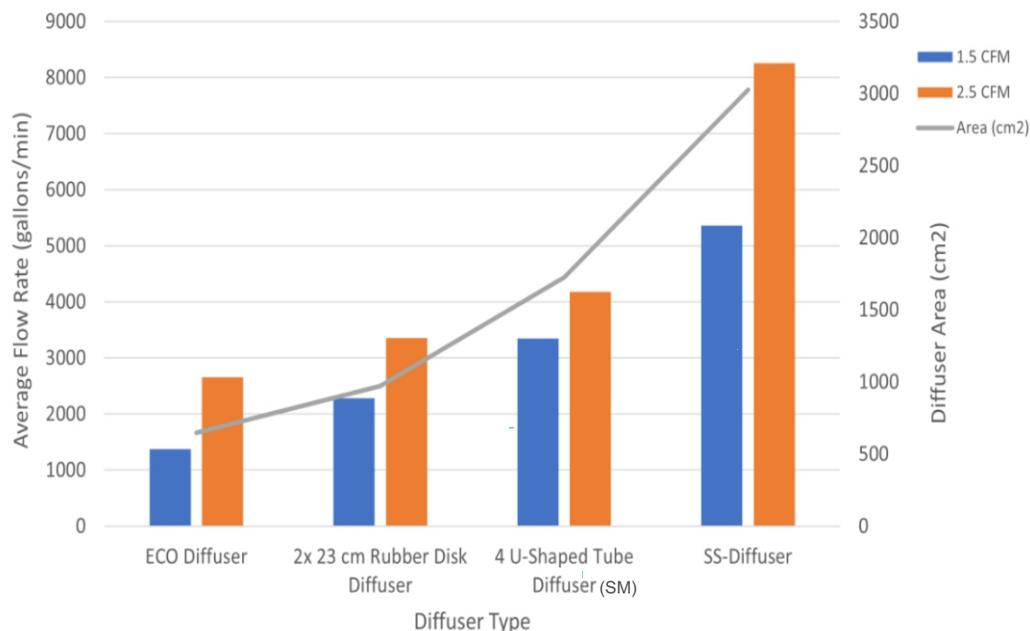
Pond Area/Size	Pond Depth				
	4-5'	6-7'	6-7'	Less than 12'	Greater than 12'
8,000 gallons	KOI 1	-	-	-	-
8,000, 16,000 gallons	-	KOI 2	-	-	-
1/3 acre (~ 80' x 120')	-	-	KOI 3	-	-
1/4 acre (~ 50' x 50')	-	-	-	Can-Air 1	Can-Air 1
1/2 acre (~ 105' x 105')	-	-	-	Can-Air 2	Can-Air 1
1 acre (~ 210' x 210')	-	-	-	Can-Air 3	Can-Air 2
2 acres (~ 420' x 420')	-	-	-	Can-Air 5	Can-Air 3

Many Factors Can Affect Aeration Efficiency

Contact our Aeration Design Team For System Recommendations

Tried and Proven Aeration!

- Thorough in-house testing done to ensure quality and efficiency, and compare SS and ECO Can-Air diffusers to price-comparable aerators on the market
- Results show larger diffuser area correspond to higher flow
- Results show the Can-Air SS diffuser out performed the competition
- Efficient flow produced relative to small ECO diffuser design
- ECO diffuser are ideal for smaller ponds
- Note: The Mega Diffuser was not included in this study



Need More info?

Contact our team at sales@pondpro.ca or 1-855-414-7663 with any questions or concerns